



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q92538

Takayuki KONDO

Appln. No.: 10/564,719

Group Art Unit: 2618

Confirmation No.: 9863

Examiner: Not Yet Assigned

Filed: January 17, 2006

For: MOBILE COMMUNICATION SYSTEM WITH IMPROVED TRACKABILITY IN
TRANSMISSION POWER CONTROL

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

ATTN: Office of Initial Patent Examination
Filing Receipt Correction
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We enclose a copy of the Official Filing Receipt for the above-identified application and
request the following corrections:

Please correct the **Applicant(s)** section of the Official Filing Receipt as shown below.

Applicant(s)

Takayuki Kondo, ~~Minato-ku~~ Minato-ku, JAPAN;

Please correct the **Foreign Applications** section of the Official Filing Receipt as shown
below.

Foreign Applications

JAPAN ~~2003276662~~ 2003-276662 07/18/2003

Please correct the **Title** section of the Official Filing Receipt as shown below.

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

U.S. Appln. No.: 10/564,719

Atty. Docket No.: Q92538


Title

~~Mobile communication system with improved trackability in transmission power control~~

Mobile communication system with improved trackability of transmission power control

Verification for the requested corrections is indicated on the executed Declaration, filed January 17, 2006, and the first page of the International Publication No. 2005/008921, copies of which are enclosed.

Respectfully submitted,


Howard L. Bernstein
Registration No. 25,665

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

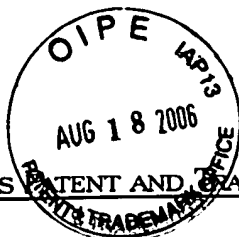
23373

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Date: August 18, 2006



UNITED STATES PATENT AND TRADEMARK OFFICE



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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/564,719	01/17/2006	2618	1260	Q92538	2	8	3

CONFIRMATION NO. 9863

23373
 SUGHRUE MION, PLLC
 2100 PENNSYLVANIA AVENUE, N.W.
 SUITE 800
 WASHINGTON, DC 20037

FILING RECEIPT



OC000000018596275

Date Mailed: 04/24/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Takayuki Kondo, (Minato-ku) JAPAN
 Minato-ku

Power of Attorney: The patent practitioners associated with Customer Number 23373.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/09625 07/07/2004

Foreign Applications

JAPAN 2003276662 07/18/2003
 2003-276662

If Required, Foreign Filing License Granted: 04/21/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/564,719**

Projected Publication Date: 08/03/2006

Non-Publication Request: No

Early Publication Request: No

Title

Mobile communication system with improved trackability in transmission power control

Preliminary Class
455mobile communication system with improved trackability of
transmission power control**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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NOT GRANTED

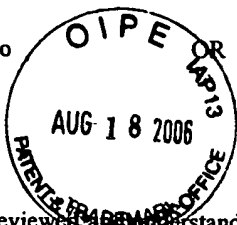
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DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MOBILE COMMUNICATION SYSTEM WITH IMPROVED TRACKABILITY IN TRANSMISSION POWER CONTROL

the application of which
☐ is attached hereto



☒ was filed on July 7, 2004
 as United States Application Number or PCT International Application
 Number PCT/JP2004/009625
 (Confirmation No. _____), and was amended on
 _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Application Number(s)	Country	Filing Date	Priority Claimed	
			Yes	No
<u>2003-276662</u>	<u>Japan</u>	<u>July 18, 2003</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I hereby claim benefit under 35 United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date

I hereby claim benefit under 35 United States Code §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)	U.S. or International Filing Date	Status


I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

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23373

CUSTOMER NUMBER

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:			
Given Name (first and middle [if any])		Family Name or Surname	
Takayuki		KONDO	
Inventor's Signature		Date	
<i>Takayuki Kondo</i> 		December 26, 2005	
Residence: City	State	Country	Citizenship
Minato-ku	Tokyo	Japan	Japanese
Mailing Address: c/o NEC Corporation, 7-1, Shiba 5-chome,			
City	State	Zip	Country
Minato-ku,	Tokyo	108-8001	Japan
NAME OF SECOND INVENTOR:			
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	Citizenship
		Country	
Mailing Address:			
City	State	Zip	Country
NAME OF THIRD INVENTOR:			
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	Citizenship
		Country	
Mailing Address:			
City	State	Zip	Country
NAME OF FOURTH INVENTOR:			
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	Citizenship
		Country	
Mailing Address:			
City	State	Zip	Country
NAME OF FIFTH INVENTOR:			
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	Citizenship
		Country	
Mailing Address:			
City	State	Zip	Country
NAME OF SIXTH INVENTOR:			

(19) 世界知的所有権機関
国際事務局



(43) 国際公開日
2005 年 1 月 27 日 (27.01.2005)

PCT

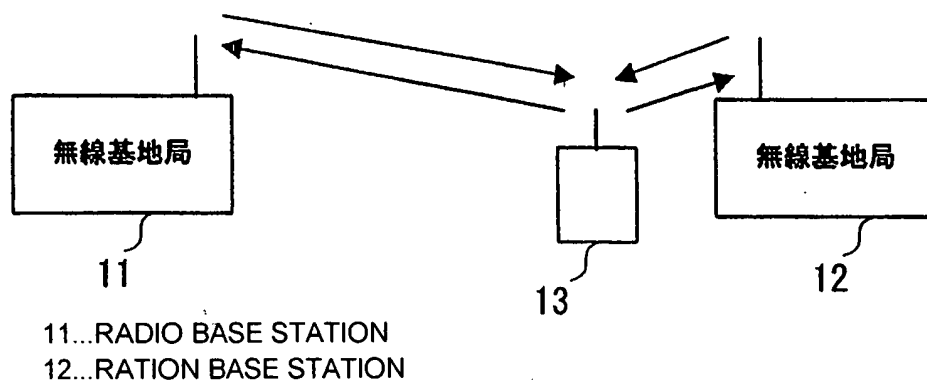
(10) 国際公開番号
WO 2005/008921 A1

- (51) 国際特許分類: H04B 7/26 (72) 発明者; および
(21) 国際出願番号: PCT/JP2004/009625 (75) 発明者/出願人 (米国についてののみ): 近藤 毅幸
(22) 国際出願日: 2004 年 7 月 7 日 (07.07.2004) (KONDO, Takayuki) [JP/JP]; 〒1088001 東京都港区芝
(25) 国際出願の言語: 日本語 (74) 代理人: 宮崎 昭夫, 外(MIYAZAKI, Teruo et al.); 〒
(26) 国際公開の言語: 日本語 1070052 東京都港区赤坂 1 丁目 9 番 2 0 号 第 1 6 興
(30) 優先権データ: 特願2003-276662 2003 年 7 月 18 日 (18.07.2003) JP 和ビル 8 階 Tokyo (JP).
(71) 出願人 (米国を除く全ての指定国について): 日本電気株式会社 (NEC CORPORATION) [JP/JP]; 〒1088001
東京都港区芝五丁目 7 番 1 号 Tokyo (JP). (81) 指定国 (表示のない限り、全ての種類の国内保護が
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LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,

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(54) Title: MOBILE COMMUNICATION SYSTEM WITH IMPROVED TRACKABILITY OF TRANSMISSION POWER CONTROL

(54) 発明の名称: 送信電力制御の追従性を向上させた移動通信システム



(57) Abstract: There are provided a transmission power control method, a mobile communication system and a mobile station apparatus employing that transmission power control method, which uses upstream transmission power indicative information from a radio base station, which has a quality of downstream line that is higher than or equal to a predetermined level, to perform an upstream transmission power control, thereby improving the trackability. Radio base stations (11,12) send to a mobile station (13) upstream transmission power indicative information to the effect that the upstream transmission power is reduced, if the reception level of the upstream line is greater than or equal to an upstream target value. Otherwise, the radio base stations (11,12) sends to the mobile station (13) upstream transmission power indicative information to the effect that the upstream transmission power is raised. The mobile station (13) decides the upstream transmission power by use of only the upstream transmission power indicative information from the radio base station having a quality of the downstream line greater than or equal to a predetermined level of communication quality, among the upstream transmission power indicative information received from the plurality of radio base stations (11,12) connected via soft handover.

(57) 要約: 下り回線の品質が所定以上の無線基地局からの上り送信電力指示情報を用いて上り送信電力制御を行うことにより追従性を向上させた送信電力制御方法と、それを用いた移動通信システムおよび移動局装置を提供する。無線基地局 11、12 は、上り回線の受信レベルが上り目標値以上であれば

/続葉有/